TDL Trainer

Tactical Data Link Trainer

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Precise training under NATO standards for all roles in Tactical Data Links: operators, controllers, supervisors, and link managers.

TDL Trainer prepares operators for realistic environments by simulating failures generated by controllers and supervisors.

Realistic, flexible, and cost-effective training for operators, with scenarios tailored to their roles.

Advanced simulation of tactical environments and data links

- ✓ **Secure data exchange between naval, air, and land platforms**
- ✓ **Emulation of Link 16, Link 11, Link 22, and JREAP links**
- ✓ **Signal propagation according to environmental conditions**
- ✓ **Representation of complex operational scenarios**
- ✓ **Fault injection for contingency training**
- ✓ **Simulation using real operational software (LINPRO)**

Adaptive and operator-focused training

- ✓ **Theoretical and practical exercises in simulated environments**
- ✓ **Procedure repetition and continuous evaluation**
- ✓ **Adjustment of operational and meteorological conditions**
- ✓ **Assignment of lessons and evaluations through an e-Learning platform to reinforce operator training**

Comprehensive Tactical Link Support
- Link 11: Secure naval communications
- Link 16: Real-time communication among air, naval, and ground forces
- Link 22: Advanced encrypted network among allies
- JREAP-C: Beyond line-of-sight comms

Real Data Link Processors (DLP)
- Uses the same operational software as active LINPRO systems.
- Compatible with other processors like OpenLink, tailored to client requirements.

Seamless Multi-Link Environment
Tactical simulation environment integrating all TDL protocols in one operational scenario.

Tactical Network Simulation
Integration with tools such as TIGER, Cloud 22, and MIDS emulators to simulate complex tactical networks.

Full TDL Chain Simulation
Coverage of the entire TDL architecture:
- Combat Management System (CMS)
- Data Link Processors (DLP)
- Transceivers, cryptos, modems, and radios

Role-specific Training
Customized training for operators, controllers, supervisors, and link managers with realistic, role-specific scenarios.

Scalable and Customizable Design
- Modular architecture allowing protocol extensions and scenario customization.
- Compliant with NATO standards and pre-integrated links.

Secure and Scalable Integration
- Complies with NATO standards for multinational interoperability.
- Advanced scenario configurations for diverse operational environments.

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